

AMENDMENTS TO THE CLAIMS

1 1. (Currently amended) A coalescer media flexible container for retaining coalescer
2 media in the coalescer chamber of an oil-water separator, said coalescer media flexible
3 container comprising
4 a flexible enclosure having a top surface and a bottom surface, said top surface
5 and said bottom surface being connected to each other, said flexible enclosure
6 conforming to the shape of the coalescer chamber in which said flexible enclosure is
7 placed, said flexible enclosure having an interior, said flexible enclosure fabricated so as
8 to permit oil to easily pass into said interior of said flexible enclosure, said flexible
9 enclosure containing a planar sheetform member, said sheetform member being placed in
10 the interior of said flexible enclosure directly adjacent said bottom surface and
11 randomly arranged, loosely packed coalescing medium retained in said interior of
12 said flexible enclosure.

1 2. (Original) The coalescer media flexible container according to claim 1 wherein said
2 flexible enclosure is fabricated from a group of materials including plastic mesh,
3 reinforced aerated plastic bags, wire mesh, fabric mesh, and netting.

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1 4. (Currently amended) The coalescer media flexible container according to claim 3 1
2 wherein said sheetform member is secured to said bottom surface.

1 5. (Original) The coalescer media flexible container according to claim 2 wherein said
2 flexible enclosure is fabricated from polypropylene.

1 6. (Original) The coalescer media flexible container according to claim 1 which includes
2 retrieval means secured to said flexible enclosure.

1 7. (Original) The coalescer media flexible container according to claim 6 wherein said
2 retrieval means are secured to said top surface of said flexible enclosure.

1 8. (Original) The coalescer media flexible container according to claim 6 which includes
2 at least a pair of retrieval means and wherein said flexible enclosure has a first end and a
3 second end, at least one of said retrieval means being secured to said first end and at least
4 one other of said retrieval means being secured to said second end.

1 9. (Currently amended) In combination a coalescer chamber of an oil-water separator
2 and at least one coalescer media flexible container for retaining coalescer media in said
3 coalescer chamber,

4 said coalescer chamber comprising a frame and a lid, said frame having a base,
5 said frame also having secured thereto first and second sidewalls, said first and second
6 sidewalls fabricated so as to permit liquids to easily pass therethrough, and
7 said coalescer media flexible container comprising
8 a flexible enclosure containing randomly arranged, loosely packed coalescing media, said
9 flexible enclosure having a top surface and a bottom surface, said top surface and said
10 bottom surface being connected to each other, said flexible enclosure conforming to the
11 shape of said coalescer chamber in which said flexible enclosure is placed, said flexible
12 enclosure having an interior, said flexible enclosure fabricated so as to permit liquids to
13 easily pass into said interior of said flexible enclosure said frame having attached thereto
14 a pair of anchoring rods, said anchoring rods extending substantially parallel to said
15 coalescer chamber sidewalls, said anchoring rods extending vertically upwardly from and
16 connected to said base of said coalescer chamber.

1 10. (Original) The combination according to claim 9 wherein said coalescer chamber
2 sidewalls are fabricated from a steel mesh screening.

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1 12. (Original) The combination according to claim 9 wherein said coalescer media
2 flexible container includes a planar sheetform member, said sheetform member being

3 placed in the interior of said flexible enclosure directly adjacent said bottom surface, said
4 bottom surface also being directly adjacent said coalescer chamber frame base.

1 13. (Original) The combination according to claim 9 wherein said coalescer media
2 flexible container has retrieval means secured to said top surface of said flexible
3 enclosure.

1 14. (Original) The combination according to claim 9 which includes a plurality of
2 coalescer media flexible containers retained within said coalescer chamber, said flexible
3 enclosures conforming to the shape of said coalescer chamber in which said flexible
4 enclosures are placed, each of said coalescer media flexible containers having retrieval
5 means secured to each of said flexible enclosures, said retrieval means extending beyond
6 said coalescer chamber.

1 15. (Original) The combination according to claim 9 which includes a plurality of
2 coalescer media flexible containers retained in horizontal layers within said coalescer
3 chamber.

1 16. (Withdrawn due to restriction) The method of removing dirty and replacing clean
2 coalescer media from the coalescer chamber of an oil-water separator, comprising the
3 steps of:

4 obtaining access to the coalescer chamber from the top of the tank used as the
5 housing for the separator,
6 removing the lid of the coalescer chamber,
7 removing each coalescer media flexible container retained within said coalescer
8 chamber,
9 once the coalescer chamber is empty, lowering each coalescer media flexible
10 container filled with clean coalescer media into said coalescer chamber,
11 performing any adjustment of said coalescer media flexible container so that it
12 conforms to the shape of the coalescer chamber, and
13 replacing the lid atop said coalescer chamber.

1 17. (Withdrawn due to restriction). The method according to claim 16 wherein each
2 coalescer media flexible container has attached thereto retrieval means, said retrieval
3 means enabling said flexible container to be removed from said coalescer chamber, said
4 retrieval means enabling said coalescer media flexible container with clean media to be
5 lowered into said coalescer chamber, and said retrieval means enabling adjustment within
6 said coalescer chamber of said coalescer media flexible container with clean media.

1 18. (Withdrawn due to restriction) The method according to claim 16 which includes the
2 additional step of tamping at least one coalescer media flexible container.

1 19. (Withdrawn due to restriction) The method according to claim 16 which includes the
2 additional steps of removing and replacing of a plurality of coalescer media flexible
3 containers, said containers when replaced being oriented substantially horizontal one to
4 another.

1 20. (Withdrawn due to restriction) The method according to claim 19 wherein said
2 coalescer media flexible containers each have a top surface and a bottom surface, with
3 said top and bottom surfaces being skewed with respect to each other.